

Amendments To The Claims:

1-28. **(Cancelled)**

29. **(Previously Presented)** A stretchable stent, comprising:

a coiled-up sheet having overlapping inner and outer longitudinal sections extending generally parallel to a longitudinal axis thereof, the coiled-up sheet being expandable between a contracted condition and one or more enlarged conditions, the coiled-up sheet defining a periphery in a plane substantially perpendicular to a longitudinal axis thereof;

a plurality of locking elements extending from the inner longitudinal section for engaging openings in the outer longitudinal section to selectively secure the coiled-up sheet in the one or more enlarged conditions; and

a plurality of stretchable elements formed in the coiled-up sheet, the plurality of stretchable elements defining a plurality of first cells, the plurality of first cells forming a plurality of circumferential bands of first cells, the stretchable elements having a shape memory such that the stretchable elements are plastically deformable towards an unstretched condition at a temperature at or below about 25 degrees Celsius, and biased to expand about the periphery from the unstretched condition towards a stretched condition when exposed to a temperature at or above body temperature;

a plurality of second cells, each of the plurality of second cells extending between adjacent circumferential bands of first cells, each of the plurality of second cells having a configuration different than the configuration of each of the plurality of first cells;

wherein each stretchable element comprises a pair of peripherally expandable wing-like elements extending generally parallel to the longitudinal axis and connected to a longitudinally adjacent wing-like element at a looped end thereof.

30. **(Previously Presented)** The stretchable stent of claim 29, wherein circumferentially adjacent stretchable elements being connected at a point intermediate the pair of wing-like elements by a peripheral connector element.

Claims 31-54. **(Cancelled)**

55. **(Currently Amended)** A stretchable stent, comprising:

a coiled-up sheet having overlapping inner and outer longitudinal sections extending generally parallel to a longitudinal axis thereof, and defining a periphery, the coiled-up sheet being unrollable between a contracted condition and one or more enlarged conditions; and

a plurality of stretchable first cells formed in the coiled-up sheet, each of the first cells having a first configuration, the plurality of stretchable first cells forming a plurality of circumferential bands, each circumferential band of first cells having a circumferential axis bisecting each first cell in the circumferential band in half, each stretchable first cell comprising a pair of peripherally expandable wing-like elements extending generally parallel to the longitudinal axis, each of said wing-like elements comprising first and second members having undulations between a looped end thereof and a peripheral connector element joining circumferentially adjacent stretchable cells, longitudinally adjacent stretchable cells being engaged at their looped ends, the circumferential axis of each circumferential band of first cells bisecting the peripheral connector elements, the wing-like elements being expandable about the periphery between an unstretched condition to facilitate placement in a delivery device in the contracted condition and a stretched condition to facilitate expansion of the coiled-up sheet to the one or more enlarged conditions upon deployment from the delivery device;

a plurality of second cells, each of the second cells having a second configuration, the second configuration different than the first configuration, the plurality of second cells forming a plurality of circumferential bands, each circumferential band of second cells having a circumferential axis bisecting each second cell in the circumferential band in half, the circumferential axis of the second cells bisecting the engaged looped ends of longitudinally adjacent stretchable cells.

56. **(Previously Presented)** The stretchable stent of claim 55, further comprising a plurality of locking elements extending from the inner longitudinal section for engaging openings in the outer longitudinal section to selectively secure the coiled-up sheet in the one or more enlarged conditions.

57-58. **(Cancelled)**

59. **(Previously Presented)** An expandable stent comprising:

a coiled-up sheet having overlapping inner and outer longitudinal sections extending generally parallel to a longitudinal axis thereof, the coiled-up sheet being expandable between a contracted condition and one or more enlarged conditions, the coiled-up sheet defining a periphery in a plane substantially perpendicular to a longitudinal axis thereof; and

a plurality of stretchable elements formed in the coiled-up sheet, the plurality of stretchable elements defining a plurality of first cells, each of the plurality of first cells having a first configuration, wherein each stretchable element comprises a pair of peripherally expandable wing-like elements extending generally parallel to the longitudinal axis, each of said wing-like elements comprising first and second members having undulations and being connected to a longitudinally adjacent wing-like element at a looped end thereof, and wherein the stretchable elements have a shape memory such that the stretchable elements are plastically deformable towards an unstretched condition at a first temperature, and biased to expand about the periphery from the unstretched condition towards a stretched condition when exposed to a temperature at or above a second temperature;

a plurality of second cells, each of the plurality of second cells having a second configuration, the second configuration different than the first configuration.

60. **(Previously Presented)** The expandable stent of claim 59, further comprising:

a plurality of locking elements extending from the inner longitudinal section for engaging openings in the outer longitudinal section to selectively secure the coiled-up sheet in the one or more enlarged conditions.

61. **(Cancelled)**

62. **(Previously Presented)** The expandable stent of claim 59, wherein said first temperature is at or below about 25 degrees Celsius, and said second temperature is body temperature.